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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IE 03/00172

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01S5/0687

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	XIAOHUI YANG ET AL: "Fast-tuning wavelength addressable laser with real-time wavelength monitoring feedback control for reconfigurable WDM networks" NANOSTRUCTURES AND QUANTUM DOTS/WDM COMPONENTS/VCSELS AND MICROCAVITIES/RF PHOTONICS FOR CATV AND HFC SYSTEMS, 1999 DIGEST OF THE LEOS SUMMER TOPICAL MEETINGS SAN DIEGO, CA, USA 26-30 JULY 1999, PISCATAWAY, NJ, USA, IEEE, US, 26 July 1999 (1999-07-26), pages II13-II14, XP010352566 ISBN: 0-7803-5633-0	1,2, 5-17,19, 20
A	the whole document --- -/--	3,4,18

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

24 March 2004

Date of mailing of the international search report

08/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 130 725 A (AGERE SYST OPTOELECTRONICS) 5 September 2001 (2001-09-05) paragraphs '0015!,'0017!-'0026!; figures 1-4	1,2, 9-13,17, 19
X	EP 0 529 732 A (PHILIPS NV) 3 March 1993 (1993-03-03) page 5, line 11 -page 7, line 3; figures 1,2,5,6	1,2, 9-13,17, 19
A	SOUSA DE A B ET AL: "Reduction of the tuning time of 1.5- μ m three-section DBR lasers by controlling the transient currents" LEOS 2000. 13TH. ANNUAL MEETING OF THE IEEE ELCTRO-OPTICS SOCIETY. RIO GRANDE, PR, NOV. 13-14, 2000, ANNUAL MEETING OF THE IEEE LASERS AND ELECTRO-OPTICS SOCIETY, NEW YORK, NY: IEEE, US, vol. 2 OF 2, 13 November 2000 (2000-11-13), pages 589-590, XP002233556 ISBN: 0-7803-5948-8 the whole document	1-4,17, 18
A	O'DOWD R ET AL: "FREQUENCY PLAN AND WAVELENGTH SWITCHING LIMITS FOR WIDELY TUNABLE SEMICONDUCTOR TRANSMITTERS" IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, IEEE SERVICE CENTER, US, vol. 7, no. 2, March 2001 (2001-03), pages 259-269, XP001108218 ISSN: 1077-260X the whole document	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.